CLAIMS

1.   A method for modeling and implementing applications,
preferably Web applications, using a computerized process
5   model and a computerized interface for implementing said
model as a run-time application, wherein
-     in a design or prototyping mode, said process model
is drawn up according to the desired application by using
an extendable set of building blocks and a preferably au-
10   tomated dialog for defining information needed by the
process,
-         entering the data corresponding to said informa-
tion needed,
-         animating and/or testing the thus designed pro-
15   totype,
-     uploading the final prototype of said application de-
fined by said process model via said interface into a ser-
ver or a computer network to obtain the run-time implemen-
tation of said application, and
20   -   in an implementing mode, executing said run-time
application through said server or computer network.

2.   The method according to claim 1, wherein
25   the application is defined by more than one process or
process model, in particular by processes or process mo-
dels specifically supporting content management of said
application.

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3.   The method according to claim 1, wherein
in the design mode, the process or process model is graph-
ically displayed and may be modified by graphical means
and/or elements.
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4.   The method according to claim 1, wherein
in the design mode, and before starting the implementing
mode, the prototype may be several times modified and/or
re-designed until a desired function or functional objec-
5   tive is reached.

5.   The method according to claim 1, wherein
in the design mode, the preferably automated dialog is de-
10   signed as a step-by-step dialog and the displayed process
proceeds accordingly whenever data is entered.

6.   The method according to claim 5, wherein
15   during the preferably automated dialog, graphical masks
are provided, in particular close to displayed correspon-
ding process elements into which masks the required data
are entered.

20   7.   The method according to claim 1, wherein
both in design and the the run-time mode, the interaction
with a designer/user of an application is carried out via
a common Internet browser.

25   8.   The method according to claim 7, wherein
the dialog pages for the interaction between application
and designer are common HTML, XML, or similar pages, pre-
ferably containing marked areas to protect against acci-
dental or voluntary manipulation or modification of infor-
30   mation critical for proper functioning of the application.

9.   The method according to claim 1, wherein
in the run-time mode, a process may be started automati-
cally from another application rather than directly from a
35   user.

10. The method according to claim 1, wherein
a process or sub-process is executed as run-time applica-
tion in a distributed way on the client machines instead
5   of on the server.

11. The method according to claim 1, wherein
an installed or downloaded run-time application is run as
10 a so-called "peer-to-peer" instead of a client-server
application.

12. The method according to claim 1, wherein
a process model is not defining the application itself but
15 rather its management and administration, particularly for
so-called content management.

13. An integrated, computerized system for modeling and
implementing an application with a process model and an
20 interface for implementing said model, including
-      means for displaying said process model,
-      means for executing automated dialogs between a de-
signer and said process model, including means for ente-
ring data into said process model and means for control-
25 ling changes of said process model to develop and/or amend
a prototype of the desired process,
-      means for animating and/or testing said thus designed
prototype,
-      means for implementing said process model by uploa-
30 ding the final prototype of said process via said inter-
face into a server or computer network.

14. The computerized system according to claim 13,
wherein the server or computer network is connected to the
35 Internet or an Intranet.

15.   The computerized system according to claim 13,
wherein said means for displaying the process model in the
design mode is a graphical means and includes means for
5 graphically modifying elements of said process model.